

**Search Notes**

Application/Control No.

10/760,574

Examiner

Mohamed Charioui

Applicant(s)/Patent under  
Reexamination

BECHHOEFER ET AL.

Art Unit

2857

**SEARCHED**

| Class  | Subclass                | Date       | Examiner |
|--------|-------------------------|------------|----------|
| 702    | 57-59, 64-66, 69-71, 75 | 10/18/2004 | MC       |
| 702    | 106, 107                | 10/18/2004 | MC       |
| 702    | 124, 126                | 10/18/2004 | MC       |
| 702    | 183-185                 | 10/18/2004 | MC       |
| 702    | 189, 190                | 10/18/2004 | MC       |
| 702    | 193, 194                | 10/18/2004 | MC       |
| 702    | 196                     | 10/18/2004 | MC       |
| 324    | 527, 533                | 10/18/2004 | MC       |
| 324    | 534, 642                | 10/18/2004 | MC       |
| Search | updated                 | 6/20/2005  | MC       |
| Search | updated                 | 1/9/2006   | MC       |
| Search | updated                 | 5/11/2006  | MC       |
|        |                         |            |          |
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**INTERFERENCE SEARCHED**

| Class | Subclass | Date      | Examiner |
|-------|----------|-----------|----------|
| 702   | 189      | 5/11/2006 | MC       |
| 324   | 533      | 5/11/2006 | MC       |
|       |          |           |          |
|       |          |           |          |

**SEARCH NOTES  
(INCLUDING SEARCH STRATEGY)**

|   | DATE       | EXMR |
|---|------------|------|
| Consulted with Hal Wachsman   | 9/22/2004  | MC   |
| East: (compensation or compensating or compensated)) and (attenuation or attenuating or attenuated) and (peak or peaks) and   | 10/18/2004 | MC   |
| (reflection or reflected or reflective) and (pulse or pulses)   | 10/18/2004 | MC   |
| East: "TDR" and \$fitting\$   | 10/18/2004 | MC   |
| East: ((wire or wires or cable or cables or "transmission line" or "transmission lines") and (compensation or compensating or | 10/18/2004 | MC   |
| compensated or compensate or compensates) and (reflective or reflection or reflected) and (attenuation or attenuating or      | 10/18/2004 | MC   |
| compensated or compensate or compensates) and (reflective or reflection or reflected) and (attenuation or attenuating         | 10/18/2004 | MC   |
| or attenuated)  | 10/18/2004 | MC   |

**Search Notes (continued)**

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**SEARCH NOTES  
(INCLUDING SEARCH STRATEGY)**

|  | DATE       | EXMR |
|--|------------|------|
| East: ((polynomials or functions) with<br>(differentiation or derivative or<br>differentiations or derivatives)) and<br>(cable or wire | 10/18/2004 | MC   |
| or wireline or wirelines or<br>transmission) and (reflective or<br>reflexion or reflectometry or reflected)<br>and (fault or failure   | 10/18/2004 | MC   |
| or defect) and impulse   | 10/18/2004 | MC   |
| Search updated   | 6/20/2005  | MC   |
| Search updated   | 1/9/2006   | MC   |
| Search updated   | 5/11/2006  | MC   |
|  |            |      |
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